

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

GOLDFARB, Eric et al.

Application No.: 10/613,443

Filed: July 3, 2003

For: METHODS AND APPARATUS  
FOR CARDIAC VALVE REPAIR

Confirmation No.: 6557

Examiner: POUS, NATALIE R

Art Unit: 3731

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER  
37 CFR §1.97 and §1.98**

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed before the mailing date of the final Office Action or Notice of Allowance.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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Substitute for form 1449/APTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/613,443
Filing Date	July 3, 2003
First Named Inventor	GOLDFARB, ERIC
Art Unit	3731
Examiner Name	POUS, NATALIE R
Attorney Docket Number	020489-000120US

Sheet

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of

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Off. No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-5,226,811	7/13/1993	Choo et al.	
	2	US-5,234,437	8/10/1993	Sepelka	
	3	US-5,250,071	10/5/1993	Palermo	
	4	US-5,261,816	11/16/1993	Engelson	
	5	US-5,312,418	5/17/1994	Palermo	
	6	US-5,390,997	9/27/1994	Palermo et al.	
	7	US-5,690,671	11/25/1997	McGurk et al.	
	8	US-5,719,725	2/17/1998	Nakao	
	9	US-6,077,214	6/20/2000	Morlier et al.	
	10	US-6,143,024	10/07/2000	Campbell et al.	
	11	US-6,190,406	2/20/2001	Melvin	
	12	US-6,208,637	10/08/2001	Shoofan et al.	
	13	US-6,332,693	12/25/2001	Morlier et al.	
	14	US-6,402,761	06/11/2002	Langberg et al.	
	15	US-6,406,420	5/16/2002	McCarthy et al.	
	16	US-6,537,814	3/25/2003	Langberg et al.	
	17	US-6,585,761	07/01/2003	Taheri	
	18	US-6,618,291	9/16/2003	Havka et al.	
	19	US-6,626,899	9/30/2003	Houser et al.	
	20	US-6,656,221	12/02/2003	Taylor et al.	
	21	US-6,669,164	2/10/2004	Seguin	
	22	US-6,701,929	3/9/2004	Hussain	
	23	US-6,702,826	3/9/2004	Liddicoat et al.	
	24	US-6,709,362	3/23/2004	Homer	
	25	US-6,709,458	3/23/2004	Langberg et al.	
	26	US-6,723,036	4/20/2004	Schroeder et al.	
	27	US-6,726,716	4/27/2004	Marquez	
	28	US-6,740,107	5/25/2004	Loeb et al.	
	29	US-6,755,777	6/25/2004	Schweich et al.	
	30	US-6,764,510	7/20/2004	Vidlund et al.	
	31	US-6,770,083	8/3/2004	Seguin	
	32	US-6,797,001	9/28/2004	Mahlis et al.	
	33	US-7,112,207	9/28/2006	Allen et al.	
	34	2002/0013571	1/31/2002	Goldsfarb et al.	
	35	2002/0035361	3/21/2002	Houser et al.	

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\*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16, if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1460A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/813,443
		Filing Date	July 3, 2003
		First Named Inventor	GOLDFARB, ERIC
		Art Unit	3731
		Examiner Name	POUS, NATALIE R
Sheet <b>2</b>	of <b>5</b>	Attorney Docket Number	020489-000120US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Client Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (Invent)			
	36	2002/0155526	10/24/2002	Hawks et al.	
	37	2002/0189360	11/14/2002	Taylor et al.	
	38	2002/0183786	12/5/2002	Seguin	
	39	2003/0060693	3/13/2003	Quijano et al.	
	40	2003/0069570	4/10/2003	Witzel et al.	
	41	2003/0069593	4/10/2003	Tremulis et al.	
	42	2003/0069636	4/10/2003	Solem et al.	
	43	2003/0074012	4/17/2003	Nguyen et al.	
	44	2003/0078654	4/24/2003	Taylor et al.	
	45	2003/0083742	5/01/2003	Spence et al.	
	46	2003/0130730	7/10/2003	Cohn et al.	
	47	2003/0167071	9/4/2003	Martin et al.	
	48	2003/0229395	12/11/2003	James Cox	
	49	2004/0003819	1/5/2004	St. Goar et al.	
	50	2004/0019577	1/29/2004	Taylor et al.	
	51	2004/0019376	1/29/2004	Havka et al.	
	52	2004/0030362	2/12/2004	St. Goar et al.	
	53	2004/0038442	2/26/2004	St. Goar et al.	
	54	2004/0039443	2/26/2004	Solem et al.	
	55	2004/0044350	3/4/2004	Martin et al.	
	56	2004/0046211	3/11/2004	Tremulis et al.	
	57	2004/0073302	4/15/2004	Rourke et al.	
	58	2004/0086047	5/6/2004	Spence et al.	
	59	2004/0097979	5/20/2004	Svanitz et al.	
	60	2004/0108989	6/3/2004	Wilson et al.	
	61	2004/0122466	6/24/2004	Levine	
	62	2004/0127981	7/1/2004	Rohdert et al.	
	63	2004/0127982	7/1/2004	Marchold et al.	
	64	2004/0127983	7/1/2004	Mortier et al.	
	65	2004/0133062	7/8/2004	Pai et al.	
	66	2004/0133063	7/8/2004	McCarthy et al.	
	67	2004/0133220	7/8/2004	Lashinski et al.	
	68	2004/0133240	7/8/2004	Adams et al.	
	69	2004/0133273	7/8/2004	Daniel Cox	
	70	2004/0136744	7/15/2004	Lashinski et al.	

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **3** of **5****Complete if Known**

Application Number	10/613,443
Filing Date	July 3, 2003
First Named Inventor	GOLDFARB, ERIC
Art Unit	3731
Examiner Name	POUS, NATALIE R
Attorney Docket Number	020489-000120US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If Known)			
	71	2004/0136745		7/15/2004	Macovski et al.	
	72	2004/0148021		7/28/2004	Cartledge et al.	
	73	2004/0152047		8/5/2004	Schroeder et al.	
	74	2004/0163144		8/5/2004	Seguin	
	75	2004/0158123		8/12/2004	Jayaraman	
	76	2004/0162810		8/19/2004	Lalaka et al.	
	77	2004/0187539		8/26/2004	Kuehn et al.	
	78	2004/0163191		9/30/2004	Starkson et al.	
	79	2004/0215339		10/28/2004	Drasker et al.	
	80	2004/0220857		11/4/2004	Nieminen et al.	
	81	2004/0228300		11/11/2004	Goldfarb et al.	
	82	2004/0243229		12/2/2004	Vidlund et al.	
	83	2004/0249452		12/9/2004	Adams et al.	
	84	2004/0249453		12/9/2004	Cartledge et al.	
	85	2005/0004688		1/8/2005	Aklog et al.	
	86	2005/0021068		1/27/2005	St. Goer et al.	
	87	2005/0021057		1/27/2005	St. Goer et al.	
	88	2005/0033448		2/10/2005	Deem et al.	
	89	2005/0149014		7/27/2005	Hauck et al.	
	90	2005/0197894		9/8/2005	Pai et al.	
	91	2005/0273180		12/28/2005	Leshinski et al.	
	92	2006/0056871		3/16/2006	Zakay et al.	
	93	2006/0195012		8/31/2006	Mortier et al.	
	94	2006/0252084		11/9/2006	Ruhdort et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†*
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If Known)				
	95	WO	01/18881		12/12/1991	Frederick Walker		<input type="checkbox"/>
	96	WO	00/80995		10/19/2000	Deem et al.		<input type="checkbox"/>
	97	WO	01/25586		4/18/2001	Jacques Seguin		<input type="checkbox"/>

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Substitute for form 1449A/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>			Application Number	10/613,443	
			Filing Date	July 3, 2003	
			First Named Inventor	GOLDFARB, ERIC	
			Art Unit	3731	
			Examiner Name	POUS, NATALIE R	
Sheet	4	of	5	Attorney Docket Number	020489-000120US

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Y <sup>2</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	96	WO	01/54518		6/3/2001	Langberg et al.		
	99	WO	02/03692		1/17/2002	Spence et al.		
	100	WO	03/001893		1/9/2003	Goldfarb et al.		
	101	WO	03/020179		3/13/2003	Tremblay et al.		
	102	WO	03/028558		4/10/2003	Macovski et al.		
	103	WO	03/037171		5/8/2003	Adams et al.		
	104	WO	03/047487		5/12/2003	Cosgrove et al.		
	106	WO	03/049519		6/19/2003	Omar Letouf		
	106	WO	03/073910		8/12/2003	Carney et al.		
	107	WO	03/073913		8/12/2003	Marlin et al.		
	108	WO	04/004607		1/15/2004	McCarthy et al.		
	109	WO	04/012583		2/12/2004	Levina et al.		
	110	WO	04/019611		3/11/2004	Wilson		
	111	WO	04/030570		4/15/2004	Rahdert et al.		
	112	WO	04/037317		5/8/2004	Hewke et al.		
	113	WO	04/045370		6/3/2004	Svensson et al.		
	114	WO	04/045463		6/3/2004	Welter et al.		
	115	WO	04/047579		6/10/2004	Sharkey et al.		
	118	WO	04/062726		7/29/2004	Adams et al.		
	117	WO	04/069730		11/4/2004	Saint et al.		
	118	WO	04/112586		12/29/2004	Huynh et al.		
	119	WO	04/112651		12/29/2004	Douk et al.		
	120	WO	05/002424		01/31/2005	Aklog et al.		
	121	WO	05/018507		3/3/2005	Lashinski et al.		
	122	WO	05/112792		12/10/2005	Goldfarb et al.		
	123	WO	06/105008		10/5/2006	Rahdert et al.		
	124	WO	06/105009		10/5/2006	Rahdert et al.		
	125	WO	06/115876		11/2/2006	Shaoulou et al.		
	126	WO	06/115876		11/2/2006	Shaoulou et al.		

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	10/613,443		
		Filing Date	July 3, 2003		
		First Named Inventor	GOLDFARB, ERIC		
		Art Unit	3731		
		Examiner Name	POUS, NATALIE R		
Sheet	5	of	5	Attorney Docket Number	020489-000120US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	127	BERNAL et al., "The 'Velve Recket': a new and different concept of atrioventricular valve repair," Eur. J. Cardio-thoracic Surgery 29:1026-29 (2006)	<input type="checkbox"/>
	128	DERWENT citing German language patent EP 684012 published 11/12/95 for: "Thread for constructing surgical seam has flexible section with two ends, with lower fastening part on thread first end having hollow cylinder with continuous hole through which surgical needle threads" 2 pgs.	<input type="checkbox"/>
	129	DERWENT citing Japanese language patent JP 11089937 published 6/4/99 for: "Catheter for mitral regurgitation test - includes jet nozzles provided on rear side of large diametered spindle shaped portion attached to end of narrow diametered tube" 1 pg.	<input type="checkbox"/>
	130	FILSOUFI et al., "Restoring Optimal Surface of Coaptation With a Mini Leaflet Prosthesis: A New Surgical Concept for the Correction of Mitral Valve Prolapse," Int'l. Soc. for Minimally Invasive Cardiothoracic Surgery 1(4):186-87 (2006).	<input type="checkbox"/>
	131	LANGER et al., "Posterior mitral leaflet extensions: An adjunctive repair option for ischemic mitral regurgitation?," J. Thorac. Cardiovasc. Surg. 131:868-77 (2006).	<input type="checkbox"/>

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